

Title (en)  
SIMULATED SOLID FUEL

Title (de)  
SIMULIERTER FESTBRENNSTOFF

Title (fr)  
COMBUSTIBLE SOLIDE SIMULÉ

Publication  
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Application  
**EP 19193377 A 20190823**

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Abstract (en)  
[origin: US10762805B1] The present invention discloses a simulated solid fuel, including a fuel body, a flow guiding device, a mist source and a light source. The fuel body houses a mist distribution chamber and an air directing chamber which are isolated from each other, and the surface of the fuel body includes mist outlets and mist inlets, the mist outlets and the mist inlets all communicating with the mist distribution chamber. The flow guiding device provides an upwardly rising air flow in the air directing chamber. The mist source delivers mist to the mist distribution chamber through the mist inlets, and is then attracted by the air flow injected from the air ejection port to move toward the middle area of the fuel body to form a flame shape, and is irradiated by the light emitted from the light source, thereby truly simulating the realistic effect of solid fuel combustion.

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